

## AMENDMENTS TO THE SPECIFICATION

Please insert in the first sentence after the title, the following new paragraph.

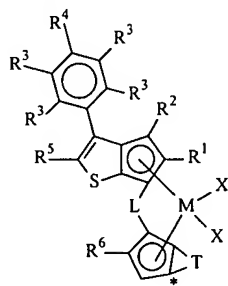
This application is the U.S. national phase of International Application PCT/EP2003/009183, filed August 19, 2003.

Please replace the paragraph of the ABSTRACT with the following new paragraph.

### ABSTRACT

A process for producing a polymer of ethylene containing from 0.1 to 99 % by mol of one or more derived units of alpha-olefins and optionally from 0 to 5% by mol polyene, comprising contacting, ~~under polymerization conditions~~, ethylene, one or more alpha-olefins and optionally said polyene, in the presence of a catalyst system obtainable by contacting:

a) a metallocene compound of formula (I):

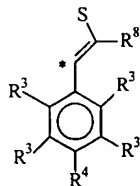


(I)

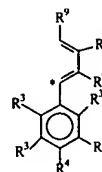
wherein

M is zirconium, hafnium or titanium; X, is a hydrogen atom, a halogen atom, or a hydrocarbon group; R<sup>1</sup> is a hydrocarbon group;

R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup>, ~~equal to or different from each other~~, are hydrogen atoms, or hydrocarbon groups; R<sup>6</sup> is a hydrocarbon group; L is a divalent bridging group, and T is a divalent radical of formula (II) or (III):



(II)



(III)

wherein

$R^8$  and  $R^9$  are hydrogen or hydrocarbon groups; and

b) an alumoxane or a compound capable of forming an alkyl metallocene cation.